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BARNACK RURAL DISTRICT.

ABBREVIATED REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1947.Public Health Officers of the Authority:-

Medical Officer of Health - W. Anley Hawes, M.B., B.S., D.P.H. Lond.
Part Time.

Sanitary Inspector - Mr. C. Green, M.R.San.I., M.S.I.A.

My Lord, Ladies and Gentlemen,

I herewith beg to submit my report for the year 1947, the vital statistic's return for which has been extremely good, with a birth rate of 25.7, death rate of 11.1 and an infantile mortality rate 17.2 compared with 20.5, 12.0 and 41 respectively for the rest of England and Wales.

SECTION A.

Area	14,545 acres.
Total Population	2251
No. of Inhabited Houses	686
Rateable Value	£16,089
Sum represented by Penny Rate	£64

SOCIAL CONDITION. The Main industry is agriculture.

			M.	F.	
<u>Live Births.</u>	Total	58	27	31) Birth Rate per 1,000 of estimated resident pop- ulation - 25.7
	Legitimate		25	30	
	Illegitimate		2	1	

<u>Still Births.</u>				
	Legitimate		2	1
	Illegitimate		-	-

<u>Deaths.</u>	Total	25	14	11) Death Rate per 1,000 of estimated resident pop- ulation - 11.1

Deaths from Puerperal Sepsis. Nil.

Deaths from other Puerperal causes. Nil.

Death Rate of Infants under one year of age:-

All infants per 1,000 live births	17.2
Legitimate infants per 1,000 legitimate births	17.2
Illegitimate infants per 1,000 illegitimate births	Nil.
Deaths from Measles (all ages)	Nil.
Deaths from Whooping Cough	Nil.
Deaths from Diarrhoea (under 2 yrs of age)	Nil.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D). The concentration of the *Agrobacterium* suspension was 10⁶ cells/ml (A), 10⁷ cells/ml (B), 10⁸ cells/ml (C), and 10⁹ cells/ml (D).

1912. S. 1

1909

• *Microclima*

Corresponding rates for England and Wales:-

Birth Rate	20.5
Death Rate	12.0
Death Rate per 1,000 live births of all Infants under 1 year of age ..	41.0

There has been an increase in the Birth Rate of the District of 1.6 compared with 1946.

There has been an increase in the Death Rate of the District of 1.7 compared with 1946.

SECTION B.

(a) LABORATORY FACILITIES.

By contract with Ministry of Health Emergency Public Health Laboratory, Memorial Hospital, Peterborough at the cost of £7.10.0d. per annum.

(b) AMBULANCE FACILITIES.

(1) Infectious Cases - Ambulance provided by Peterborough Isolation Hospital.

(2) Non-Infectious Cases - St. John Ambulance Brigade Stamford.

(c) NURSING IN THE HOME.

(1) General - Nursing facilities are provided by the Barnack & District Nursing Association maintained by private subscriptions and an annual grant of £40 from the Soke of Peterborough County Council. No District Nurse is available for the residents of Wittering, Wansford and Thornhaugh. Midwives are provided by the County Council.

(2) Infectious Cases - No provision made by the Council.

(d) CLINICS AND TREATMENT CENTRES.

Nil.

(e) HOSPITALS - VOLUNTARY AND PUBLIC.

No hospital is situated in the District. Acute medical and surgical cases are admitted to Stamford, Rutland & General Infirmary. Chronic and infirm cases are admitted to St. John's Hospital, Peterborough.

SECTION C. SANITARY CIRCUMSTANCES OF THE AREA.

(1) WATER. The District is provided with two piped supplies, Barnack and Thornhaugh, owned by the Council.

The parishes of Wothorpe and St. Martin's Without are supplied by the Stamford Water Company.

Bacteriological examinations are carried out at the Peterborough Emergency Public Health Laboratory as part of the Laboratory contract.
(Sect B (a))

THE UNIVERSITY OF CHICAGO

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There is a great deal of work to be done in the field of the history of the United States. The first step is to collect the materials. The second step is to organize them. The third step is to write the history.

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FROM THE

It is a great pleasure to have you here. I am sure you will find the work very interesting. I am sure you will find the work very interesting. I am sure you will find the work very interesting.

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BARNACK SUPPLY. BORE HOLE. Chlorinated at source.

Quality - The quality of water has been very satisfactory. 10 samples have been taken for bacteriological examination of both raw and chlorinated water. Nine samples of raw water were graded as Class 1, one sample as Class 11. All samples of chlorinated water were Class 1. No chemical tests have been made.

Quantity - Has been adequate.

THORNHAUGH. SPRINGS. Chlorinated at source.

Bacteriological analysis has showed this supply to be liable to surface pollution.

10 samples for bacteriological examination have been taken. Results were graded as 40% Class 1, 20% Class 111, and 70% Class 1V. All chlorinated samples were Class 1.

A piped supply of water for the Parish of Wittering has been approved by the Ministry of Health and work will be commenced as soon as materials are available.

It is estimated that 70% of houses in the District are supplied direct from mains, the remainder obtain water from standpipes. (See detailed list of water supplies to parishes at end of report).

(2) DRAINAGE AND SEWERAGE.

A scheme for provision of sewerage of the District is under consideration, plans have been submitted to the Ministry of Health and await approval.

2. (1) Closet Accommodation - Pail closet.
(2) Public Cleansing - By the Council Scavenger of pail closet and dry-house refuse throughout the District.
(3) Sanitary Inspection of the Area.

No. of inspections made - 132. Re-visits - 98.

37 Informal notices have been served under Public Health and Housing Acts during the year.

1 Notice under the Public Health Act was outstanding at the end of the year.

(4) Schools.

Pail closets are in use in all schools, Barnack has a twice weekly collection by Scavenger.

SECTION D. HOUSING.

Owing to the continued shortage of labour and materials and the restrictions on building work generally, no systematic house to house inspections have been carried out during 1947. Several houses have been inspected on complaint and inspections have been made of some of the older houses known to be liable to defects.

17 Informal Notices were served on owners to carry out small general repairs.

One Notice was outstanding at the end of the year.

Rural Housing Survey.

A commencement of the Rural Housing Survey was made in the Parish of Wittering. All houses of a type suitable for occupation by members of the working classes were inspected and tabulated under one or other of the categories suggested by the County Rural Housing Committee in February 1946.

The total number of houses inspected in this Parish was 66, catergorised as under:-

1	<u>Catergories.</u>			5	Used for other than Dwelling Houses.	Unoccupied. Part demol.	Total.
	2	3	4				
23	4	1	8	16	2	12	66

Only two cases of overcrowding were found, these being due to married sons living at home with their families.

PLANS AND BUILDINGS.

26 plans have been submitted for approval compared with 11 for 1946. 5 of these were plans for the erection of dwelling houses by private enterprise and 2 for inversion of farm buildings into bungalows.

2 new houses and one bungalow were completed during the year.

Housing Schemes.

6 Council Houses have been completed at Wittering and 6 at Thornhaugh are nearing completion.

20 Council Houses are in the course of erection at Wittering but no work has yet commenced on the Council Houses in Barnack.

SECTION E. INSPECTION AND SUPERVISION OF FOOD.

(a) MILK AND DAIRIES ORDER.

Dairies and Cowsheds.

Licences granted during the year	1
Licences cancelled - Producers	4

Particulars of Register at end of year:-

Producers (Wholesale)	-	13
Do: (Retail)	-	5

Inspections have shown the general standard of cleanliness to be good.

(b) MEAT AND OTHER FOODS. Public Health (Meat) Regulations
1934 :-

Slaughter Houses None in use.

BAKEHOUSES.

Number in use in the District - 3.

SECTION F. PREVALENCE OF AND CONTROL OVER INFECTIOUS AND
OTHER DISEASES.

Patients suffering from infectious diseases are admitted to the Isolation Hospital, Peterborough at a weekly maintenance charge of £3.3.0. per patient.

Hospital accommodation has proved adequate and both the hospital and ambulance service very satisfactory.

With the exception of an increase in measles (26), the incidence of the common infectious diseases notified has been very low during 1947, there being no diphtheria, 1 case of Scarlet Fever and 1 Whooping Cough.

DIPHTHERIA IMMUNISATION.

Immunisation of all children of school and pre-school age is provided free of cost by the County Council, there is no provision for immunisations under the General Practitioners Scheme.

	<u>Under 5.</u>	<u>5 - 15.</u>
Total population immunised (all periods)	174	202.
Number immunised during 1947.	22	4.

Number of cases of diphtheria notified in the District:-

1942 - 1947	-	0 (except for 1 Service case in 1946)
1941 (Immunisation commenced)		1
1940	-	3

SCABIES.

Patients can be treated at the Stamford Scabies Clinic by contract with the Kesteven County Council at the cost of 17/6d per case and 5/- for protective treatment.

Ambulance facilities are available for young children. There have been no cases of Scabies reported or treated at the Stamford Clinic during the year.

BED BUGS.

No case of infestation has been reported during the year.

PEDICULOSIS.

No cases have been reported. Cleansing facilities are provided at the Stamford Clinic.

NOTIFIABLE DISEASES. (Other than Tuberculosis).

	To'al cases notified.	Cases admitted to Hospital.	Total Deaths.
Scarlet Fever.	1 & 2 Service.	- 2 Service.	-
Diphtheria.	-	-	-
Puerperal Pyrexia.	1	1	-
Whooping Cough.	1	-	-
Measles.	26 & 1 Service.	-	-
Poliomyelitis.	1	1	-

NON-NOTIFIABLE DISEASES.

Nothing of importance to report.

CANCER.

There has been no undue prevalence of Cancer in the District.

PREVENTION OF BLINDNESS.

Nothing to report.

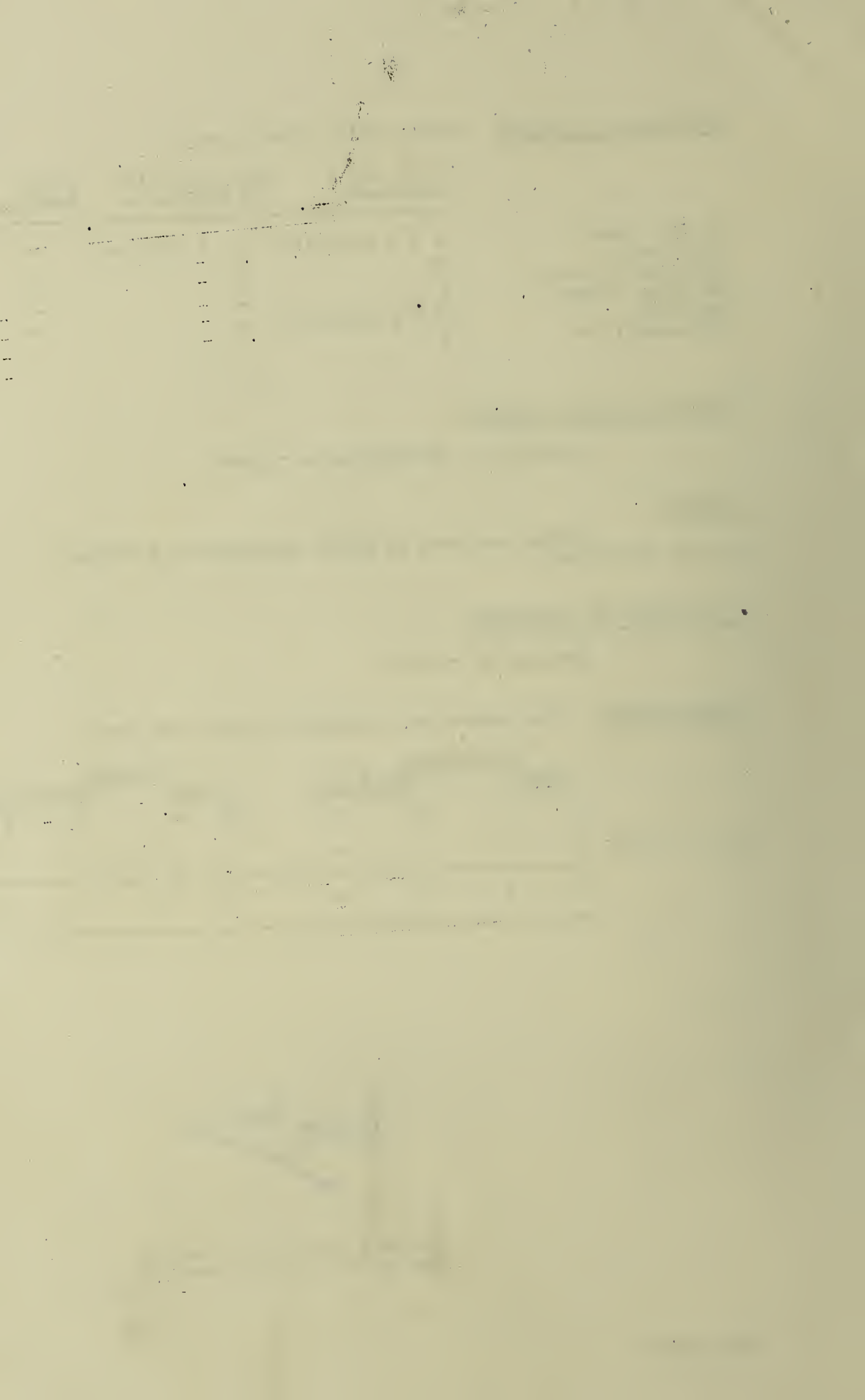
TUBERCULOSIS. New cases and mortality during the year:-

		<u>New Cases.</u>				<u>Deaths.</u>			
		<u>Resp.</u>		<u>Non-Resp.</u>		<u>Resp.</u>		<u>Non-Resp.</u>	
		M.	F.	M.	F.	M.	F.	M.	F.
65 - 75 yrs.	-	1	-	-	-	-	-	-	-
	-	1	-	-	-	-	-	-	-

B. Sulep Hawes.

Medical Officer of Health.

July 1948.



DETAILS OF WATER SUPPLY IN THE PARISHES OF BARNACK RURAL DISTRICT.

	Total number of houses.	Water supplied direct to houses.	Water supplied by stand- pipes.		
		(a) No. of Houses.	(b) No. of in- habitants.	(a)	(b)
BARNACK & PILSGATE.	192	126	504	55	220
ASHTON & BAINTON.	57	39	156	17	68
UFFORD.	38	26	104	11	44
SOUTHORPE.	46	10	128	35	100
THORNHAUGH.	83	52	208	20	80
ANSFORD.	56	39	156	16	64
ST. MARTIN'S WITHOUT.	70	49	156	21	84
WOTHORPE.	51	36	144	25	100
WITTERING.	66	46	184	19	76

Some dwellings in isolated districts depend on wells.

